Meyers, Leasue

From: David P. Cavender < dpcavender@hornershifrin.com>

Sent: Friday, April 24, 2015 9:22 AM

To: Meyers, Leasue **Subject:** More on 20-8.200

Leasue,

Here are some addiotnal suggestions.

(5) Basis of Design.

- a. I support removing submerged sand filters from the design guide, so they should be removed from (5)(A) also. These do have some applicability, they have worked for MoDOT where they were tremendously over-designed. I don't think they should be outlawed. I doubt you will see anyone proposing one given the new ammonia requirements, so don't waste time trying to rewrite the rules on them.
- b. Does DMR data confirm four cell lagoons will consistently meet 30/30?

Dave

David Cavender, P.E.

Board Certified Environmental Engineer Senior Project Manager

Horner & Shifrin, Inc.

401 South 18th Street, Ste. 400 St. Louis, MO. 63103-2296 (314) 335-8667 (direct) (314) 496-1498 (Mobile) (314) 531-4321 (Office) (314) 531-6966 (Fax) 640 Pierce Boulevard O' Fallon, IL 62269-2579

Engineering Design Solutions Since 1933

Visit us at www.HornerShifrin.com



This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version.